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(54) Title: ASSAY

(57) Abstract: An *in vitro* method of determining activation or inactivation of the atrial natriuretic peptide (ANP) and brain natri-
uretic peptide (BNP) hormonal systems, the method comprising simultaneously detecting the presence or amount of atrial and brain
natriuretic peptide prohormones (proANP and proBNP) or fragments thereof in a sample.

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